



Indicator lights, 22 mm, round, plastic, red, lens, smooth, with holder, LED module, with integrated LED 230 V AC, screw terminal

product brand name
product designation
design of the product
product type designation
product line
manufacturer's article number

- of supplied LED module
- of the supplied holder
- of supplied repeater

SIRIUS ACT
Indicator lights
Complete unit
3SU1
Plastic, black, 22 mm
[3SU1401-1BF20-1AA0](#)
[3SU1550-0AA10-0AA0](#)
[3SU1001-6AA20-0AA0](#)

Enclosure

number of command points 1

Actuator

product extension optional light source Yes
color
• of the actuating element red
material of the actuating element plastic
shape of the actuating element round
outer diameter of the actuating element 29.45 mm

Front ring

product component front ring No

Holder

material of the holder Plastic

Display

number of LED modules 1

General technical data

product component light source Yes
insulation voltage rated value 320 V
degree of pollution 3
surge voltage resistance rated value 4 kV
protection class IP
• of the terminal IP66, IP67, IP69(IP69K)
degree of protection NEMA rating IP20
1, 2, 3, 3R, 4, 4X, 12, 13
shock resistance
• according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms
• for railway applications according to EN 61373 Category 1, Class B
vibration resistance
• according to IEC 60068-2-6 10 ... 500 Hz: 5g
• for railway applications according to EN 61373 Category 1, Class B
reference code according to IEC 81346-2 P
Substance Prohibitance (Date) 10/01/2014

Supply voltage	
type of voltage of the supply voltage of the light source	AC
supply voltage of the light source at AC	
• at 50 Hz rated value	230 V
• at 60 Hz rated value	230 V
• at 60 Hz rated value	230 ... 230 V
relative negative tolerance of the supply voltage	20 %
relative positive tolerance of the supply voltage	20 %

Control circuit/ Control	
inrush current maximum	3 A

Connections/ Terminals	
type of electrical connection	other
• of modules and accessories	Screw-type terminal
type of connectable conductor cross-sections	
• solid with core end processing	2x (0.5 ... 0.75 mm ²)
• solid without core end processing	2x (1.0 ... 1.5 mm ²)
• finely stranded with core end processing	2x (0.5 ... 1.5 mm ²)
• finely stranded without core end processing	2x (1.0 ... 1.5 mm ²)
• at AWG cables	2x (18 ... 14)
tightening torque of the screws in the bracket	1 ... 1.2 N·m
tightening torque with screw-type terminals	0.8 ... 0.9 N·m

Lamp	
type of light source	LED
color of the light source	red
light intensity	450 ... 1 120 mcd

Ambient conditions	
ambient temperature	
• during operation	-25 ... +70 °C
• during storage	-40 ... +80 °C
environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 ... 95%, no condensation in operation permitted for all devices behind front panel)

Installation/ mounting/ dimensions	
fastening method	front plate mounting
• of modules and accessories	Front plate mounting
height	40 mm
width	30 mm
shape of the installation opening	round
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	11.8 mm
installation width	29.5 mm
installation depth	49.7 mm

Certificates/ approvals	
General Product Approval	Declaration of Conformity



[Confirmation](#)



Declaration of Conformity	Test Certificates	Marine / Shipping
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[Type Test Certificates/Test Report](#)



Marine / Shipping	other
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Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1106-6AA20-1AA0>

Cax online generator

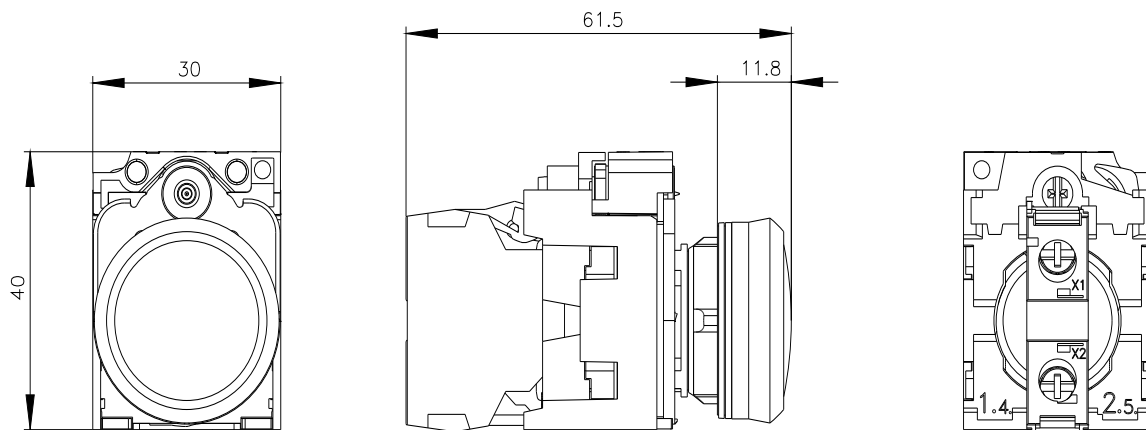
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1106-6AA20-1AA0>

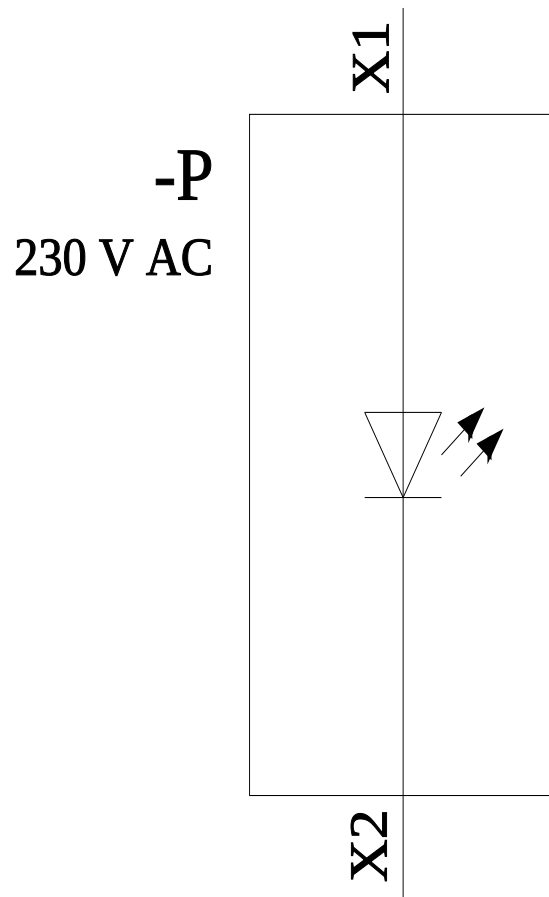
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1106-6AA20-1AA0>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1106-6AA20-1AA0&lang=en





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